








Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: October 15, 2003 (use as many sheets as necessary)				Complete if Known	
Application Number		Unassigned 10/684,493			
Filing Date		10/15/2003			
First Named Inventor		Osamu TAKAGI			
Group Art Unit		Unassigned 3742			
Examiner Name		Unassigned P. LEUNG			
Attorney Docket Number		016887-1099			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
me	A1	6,255,633	B1	TAKAGI ET AL.	07/03/2001	
me	A2	6,087,641		KINOUCI ET AL.	07/11/2000	
me	A3	6,078,781		TAKAGI ET AL.	08/20/2000	
me	A4	6,040,601		ABE ET AL.	04/14/2000	already cited
me	A5	6,026,273		KINOUCI ET AL.	02/15/2000	
me	A6	5,752,150		KATO ET AL.	05/12/1998	
me	A7	5,713,069		KATO	01/27/1998	
me	A8	5,568,240		OHTSUKA	10/22/1996	already cited
me	A9	5,552,582		ABE ET AL.	09/03/1996	
me	A10	5,970,299		SANO ET AL.	10/19/1999	
me	A11	5,745,833		ABE ET AL.	04/28/1998	
me	A12	6,055,403		WATANABE	04/25/2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A13	JP	2001-042680	A	SHARP CORP.	02/16/2001		
	A14	JP	10-074011	A	CANON INC.	03/17/1998		
	A15	JP	09-292786	A	CANON INC.	11/11/1997		
	A16	JP	54-039845		MATSUSHITA ELECTRIC INC. CO., LTD., ET AL.	03/27/1979		
	A17	JP	10-161444	A	CANON INC.	06/19/1998		
	A18	JP	8-76620	A	CANON KK	03/22/1996		
	A19	JP	59-33476	A	MATSUSHITA ELEC. IND. CO., LTD.	02/23/1984		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature	PHILIP H. LEUNG	Date Considered	2-17-2005
--------------------	-----------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.